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1

SEQUENCE LISTING

<110> Novartis AG

<120> Hsp70 from Arthrobacter

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<150> GB 0216414.3

<151> 2002-07-15

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<170> PatentIn version 3.1

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35

40

45

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50

55

60

Thr Ile Ala Ser Val Lys Arg His Met Gly Thr Asp Trp Thr Val Gly

65

70

75

80

Ile Asp Asp Lys Lys Tyr Thr Ala Gln Glu Ile Ser Ala Arg Thr Leu

85

90

95

Met Lys Leu Lys Asn Asp Ala Glu Ser Tyr Leu Gly Glu Lys Val Thr

100

105

110

Asp Ala Val Ile Thr Val Pro Ala Tyr Phe Asn Asp Ala Glu Arg Gln

115

120

125

Ala Thr Lys Glu Ala Gly Glu Ile Ala Gly Leu Asn Val Leu Arg Ile

130

135

140

Val Asn Glu Pro Thr Ala Ala Ala Leu Ala Tyr Gly Leu Asp Lys Gly

145

150

155

160

Lys Glu Asp Glu Leu Ile Leu Val Phe Asp Leu Gly Gly Thr Phe

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170

175

Asp Val Ser Leu Leu Glu Val Gly Lys Asp Asp Asp Gly Phe Ser Thr

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185

190

Ile Gln Val Arg Ala Thr Ser Gly Asp Asn Arg Leu Gly Gly Asp Asp

195

200

205

Trp Asp Gln Arg Ile Val Asp Tyr Leu Leu Asn Gln Leu Lys Val Lys

210

215

220

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225

230

235

240

Ala Ser Glu Gln Ala Lys Lys Glu Leu Ser Ser Ala Thr Ser Thr Asn

245

250

255

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Leu Glu Arg Thr Lys Lys Pro Phe Gln Asp Val Ile Ala Glu Ala Gly
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Ile Lys Val Ser Asp Ile Asp His Ile Val Leu Val Gly Gly Ser Thr
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Arg Met Pro Ala Val Thr Glu Leu Val Lys Gln Leu Ala Gly Gly Lys
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Glu Pro Asn Lys Gly Val Asn Pro Asp Glu Val Val Ala Val Gly Ala
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Ala Leu Gln Ala Gly Val Leu Lys Gly Glu Arg Lys Asp Val Leu Leu
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Ile Asp Val Thr Pro Leu Ser Leu Gly Ile Glu Thr Lys Gly Gly Val
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Glu Thr Phe Thr Thr Ala Asp Asp Asn Gln Pro Ser Val Ala Ile Gln
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Val Phe Gln Gly Glu Arg Glu Phe Thr Arg Asp Asn Lys Pro Leu Gly
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Thr Phe Glu Leu Thr Gly Ile Ala Pro Ala Pro Arg Gly Val Pro Gln
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Val Glu Val Thr Phe Asp Ile Asp Ala Asn Gly Ile Val His Val Ser
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Ala Lys Asp Lys Gly Thr Gly Lys Glu Gln Ser Met Thr Ile Thr Gly
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Gly Ser Ser Leu Ser Lys Glu Asp Ile Glu Arg Met Val Ala Asp Ala
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Glu Ala His Ala Ala Glu Asp Lys Ala Arg Arg Glu Gln Ala Glu Ala
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Arg Asn Ser Ala Glu Gln Leu Ala Tyr Ser Val Asp Lys Ile Leu Thr
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Asp Asn Asp Asp Lys Leu Pro Glu Glu Val Lys Thr Glu Val Lys Ala
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Asp Val Gly Ala Leu Lys Thr Ala Leu Ala Gly Thr Asp Glu Asp Ala
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Val Glu Ala Ala Ser Glu Lys Leu Gln Ala Ser Gln Thr Lys Leu Gly
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Gly Ala Ile Tyr Ala Ser Ala Gln Ala Glu Gly Ala Ala Ala Gly
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Asp Ala Pro Ser Glu Gly Ala Lys Pro Asp Glu Asp Ile Val Asp Ala
595 600 605

Glu Ile Val Asp Glu Glu Pro Lys Asn Glu Lys Lys
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